

Work Order ID 130171

Wednesday, February 25, 2015 12:46:11 PM

647.3917
B130171
REV. C

130171

Page 1

Item ID: 647.3917

Revision ID:

Item Name: Doubler

Start Date: 2/26/15

Start Qty: 4.00

4

Required Date: 3/02/15

Req'd Qty: 4.00

4

Reference:

Approvals:

Process Plan:

Date:

15-2-25

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.3900

C (ECN)

0.00

110

Waterjet

FLOW CNC Waterjet

Memo

1-Cut as per Dwg

Dwg Rev: C

Prog Rev: C

2-Deburr if necessary

0.00

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Quality Control

Memo

0.00

Rush

4 0 Jm 15-2-24

4 0 Jm 15-2-24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 130171***130171***

Page 2

Wednesday, February 25, 2015 12:46:11 PM

Item ID: 647.3917

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Doubler

Start Date: 2/26/15

Start Qty: 4.00

4

Cust Item ID:

Required Date: 3/02/15

Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

QC8- Inspect parts - second check

0.00

130

QC

Memo

0.00

Quality Control

(4)

38
9-89

FEB 25 2015

FEB 25 2015

140

Outsource process-Anodize per QSI017 4.1.10.1

0.00

140

Outsource4

Memo

0.00

Outsource process - Anodize

Issue P/O to ATG : 27605

1- Black Anodize as per Dwg 647.3900

2- PRIME AS PER DWG

Certification of Comformity is required

CL 15102127 (4)

150

Receive & Inspect for Damage & Mat'l Certs

0.00

150

Packaging

Memo

0.00

Packaging

4
MAR 04 2015DAG
06
9-89

DQA: _____ Date: _____



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Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge	☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 130171***130171***

Page 3

Wednesday, February 25, 2015 12:46:11 PM

Item ID: 647.3917

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Doubler

Start Date: 2/26/15

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Run Start ***NR1***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC5- Inspect part completeness to step on W/O	0.00				(4)			DAS 38 9-89
160									
QC	Memo	0.00							
Quality Control									MAR 04 2015
190	Identify as per dwg & Stock Location: <u>MF</u>	0.00				4			DAS 38 9-89
190									
Packaging	Memo	0.00							MAR 04 2015
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***								
200	QC21- Final Inspection - Work Order Release	0.00							
200									
QC	Memo	0.00							
Quality Control									MCJ 1503-04 ME 15-3-4

DQA: _____ Date: _____



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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
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Picklist Print

Page 1

*Wednesday, February 25, 2015 12:46:15 PM

Work Order ID: 130171

130171

Parent Item: 647.3917

647.3917

Parent Item Name: Doubler

Start Date: 2/26/15

Required Date: 3/02/15

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 14.12.03 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M2024T3S.090

Purchased

No

sf

57.0000

1

M2024T3S 090

**

Jm 15-2-24

2024-T3 .090 sheet

Location

Loc Qty

Loc Code

MAT021

57

123287

18

m130387

39

130387

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

04556

SHEET 1 OF 1

DWG NO. 647.3900

REV: C

PREPARED BY D. MEJIA

DATE: 06/10/2014

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY: ENGR *[Signature]*

MFG *[Signature]*

QC *[Signature]*

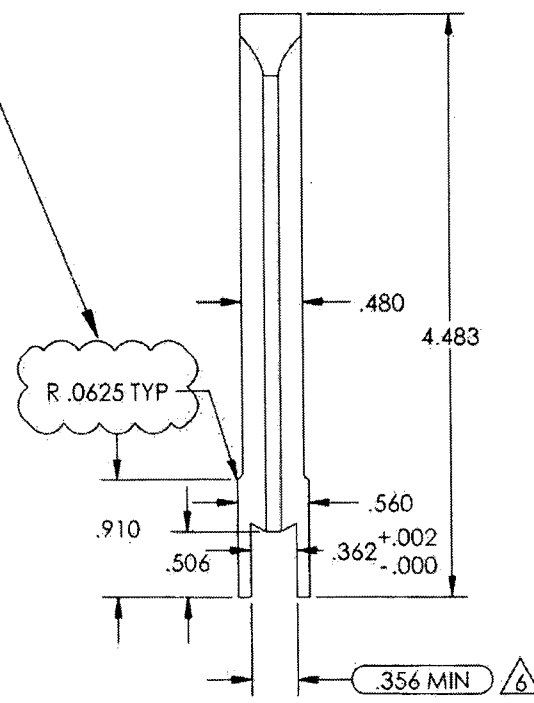
EFF. NEXT ORDER

TRANSACTION CODES (TC):
A-ADD
R-REVISE
C-CREATE
D-DELETE

REASON: DIMENSION CHANGE

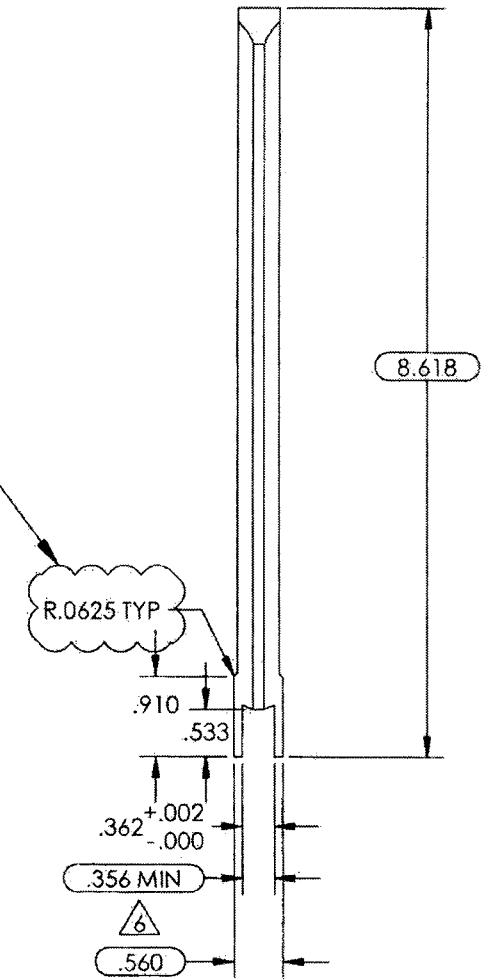
ECR: D-14-04

IS



SHEET 5, ZONE C6 IS:

IS



SHEET 6, ZONE C6 IS:

*IS-2-25
130171*

DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY
☐ MAJOR ☒ MINOR

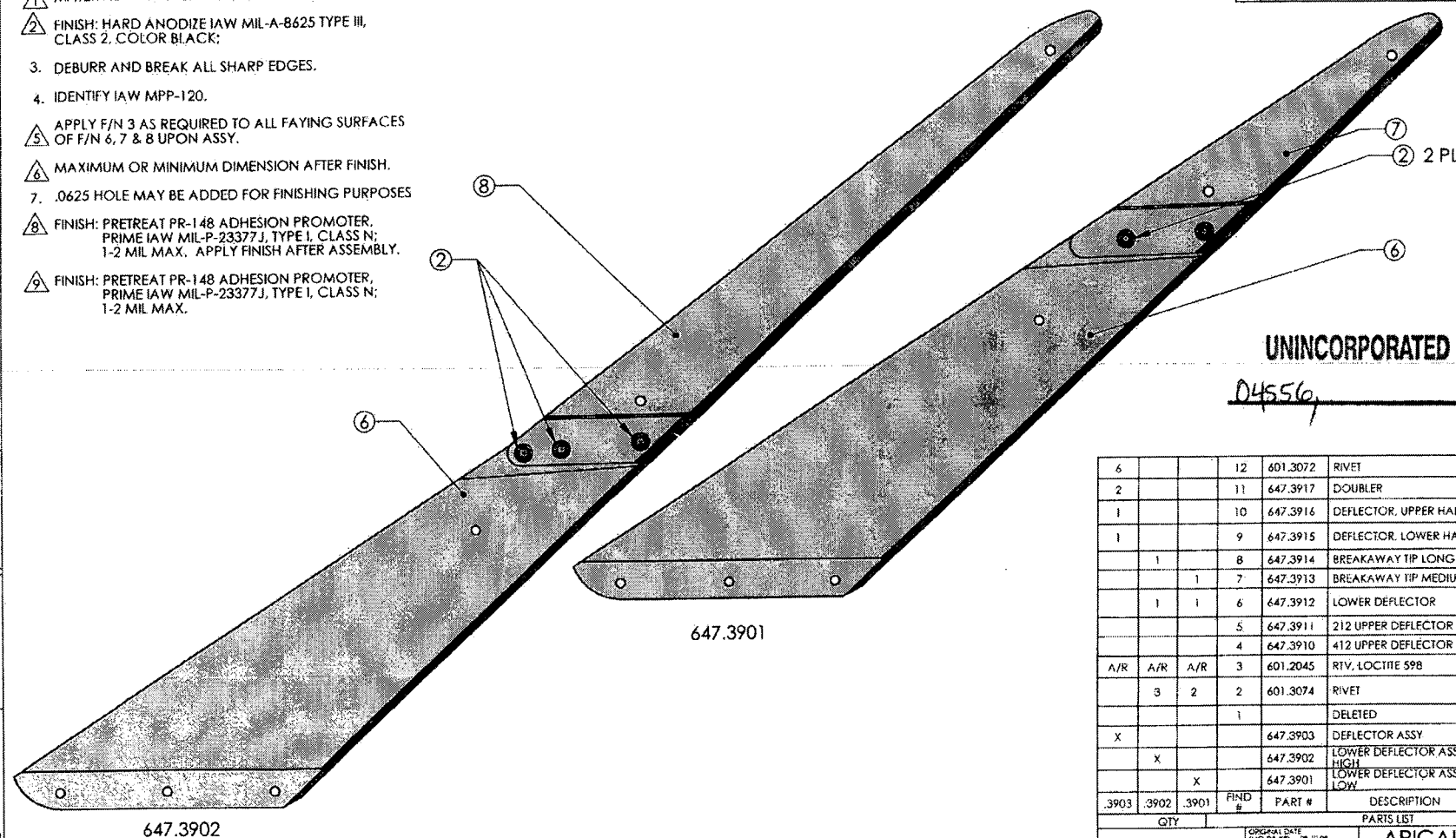
DER REVIEW REQUIRED
☐ YES ☒ NO

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NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
- 5 APPLY F/N 3 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6, 7 & 8 UPON ASSY.
- 6 MAXIMUM OR MINIMUM DIMENSION AFTER FINISH.
7. .0625 HOLE MAY BE ADDED FOR FINISHING PURPOSES
- 8 FINISH: PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N; 1-2 MIL MAX. APPLY FINISH AFTER ASSEMBLY.
- 9 FINISH: PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N; 1-2 MIL MAX.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE-PH		PMC
N/C	INITIAL RELEASE	07/18/97	P. BRAY
A	INCORPORATED ECN 0284, 0337 & 0345	07/24/12	P. BRAY
B	INCORPORATED ECN 0425	08/02/10	P. BRAY
C	INCORPORATED ECOLOGICAL DMS & DMF	11/16/12	P. BRAY



UNINCORPORATED ECN(s)

04556

6			12	601.3072	RIVET	CR3213-6-9	
2			11	647.3917	DOUBLER		
1			10	647.3916	DEFLECTOR, UPPER HALF	△	△
1			9	647.3915	DEFLECTOR, LOWER HALF	△	△
	1		8	647.3914	BREAKAWAY TIP LONG	△	△△
		1	7	647.3913	BREAKAWAY TIP MEDIUM	△	△△
	1	1	6	647.3912	LOWER DEFLECTOR	△	△△
			5	647.3911	212 UPPER DEFLECTOR	△	△△
			4	647.3910	412 UPPER DEFLECTOR	△	△△
A/R	A/R	A/R	3	601.2045	RTV, LOCTITE 598		△
	3	2	2	601.3074	RIVET	MS20470AD 6-12	
			1		DELETED		
X				647.3903	DEFLECTOR ASSY		△
	X			647.3902	LOWER DEFLECTOR ASSY HIGH		
		X		647.3901	LOWER DEFLECTOR ASSY LOW		
.3903	.3902	.3901	FIND #	PART #	DESCRIPTION	MAT'L	SPEC
QTY				PARTS LIST			
NEXT ASSY (S)				ORIGINAL DATE			
647.3800				DESIGNED BY			
				CHECKED BY			
				DRAWING APPROVAL			
				CONTRACT NO.			
				UNLESS OTHERWISE SPECIFIED			
				DIMENSIONS ARE IN INCHES			
				2 PLACE DECIMALS #01			
				3 PLACE DECIMALS #001			
				ANGLES 3, 5, 10			
				SCALE NONE			
				SHEET 1 OF 12			

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

DEFLECTORS

REV. C

SCALE NONE

SHEET 1 OF 12

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.125 X 45.0° TYP

SECTION B-B

Ø.177 THRU 3PL

.266 X 17.9°

DETAIL A

.700
 $.340^{+.000}_{-.002}$
 $.346 \text{ MAX}$

DETAIL C

.035 X 45.0° TYP

.375
 15.896
 C

647.3911

R.279
 R3.406

15.896
 15.304

15.046

B

B

Ø.189

40.2°

A

.312

0

18.502
 18.127

35.8°

10.702

8.599

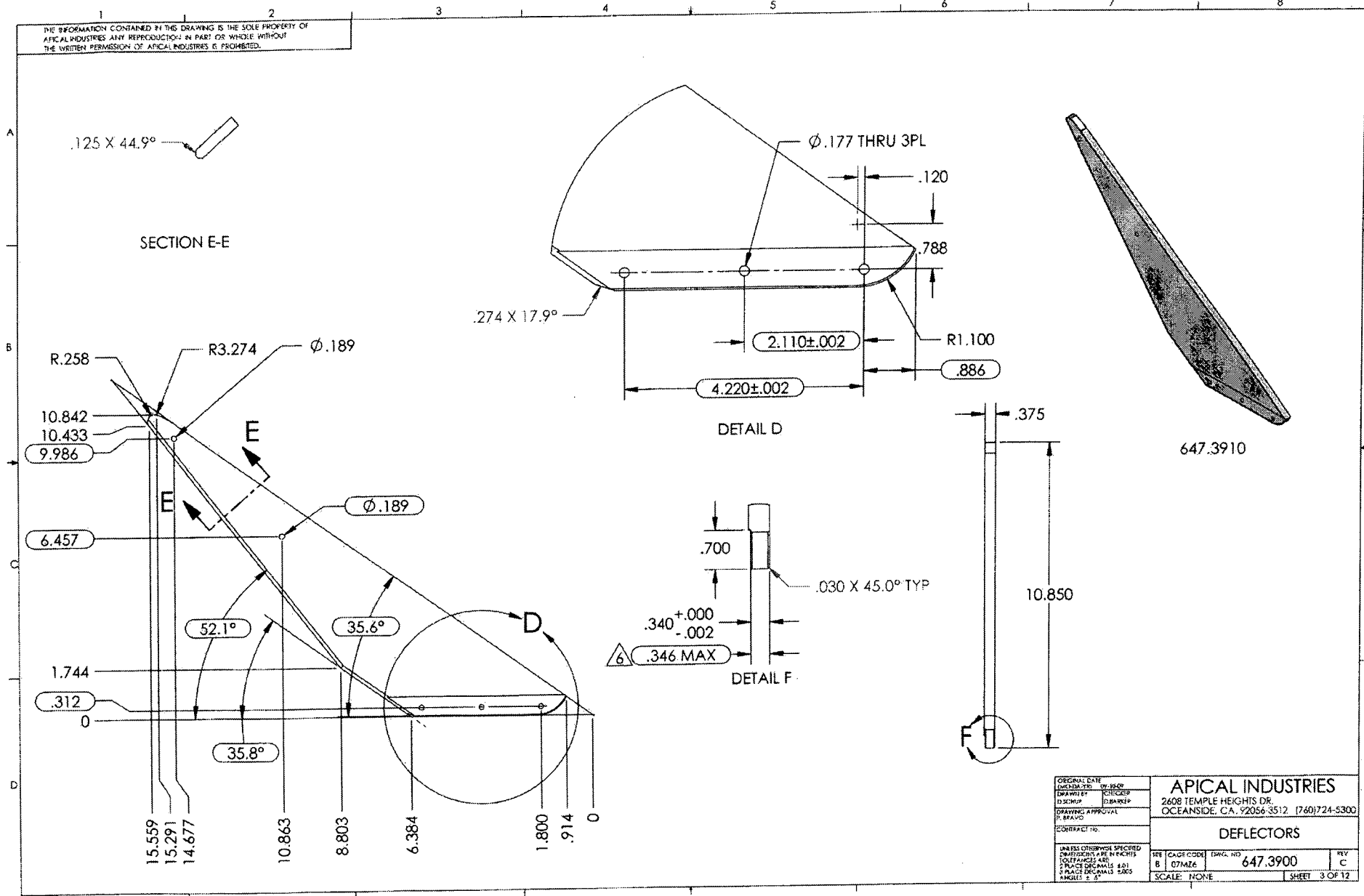
6.253

1.700
 .777

0

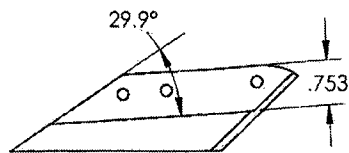
UNIFORM DATE: 10/20/10	APICAL INDUSTRIES
DESIGNED BY: [REDACTED]	2608 TEMPLE HEIGHTS DR.
DRAWN BY: [REDACTED]	OCEANSIDE, CA 92056-3512 (760)724-5300
CHECKED BY: [REDACTED]	
APPROVED BY: [REDACTED]	
CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS .01 ANGLES .5°	
SHEET 07/01/10	647.3900
SCALE: NONE	SHEET 2 OF 12

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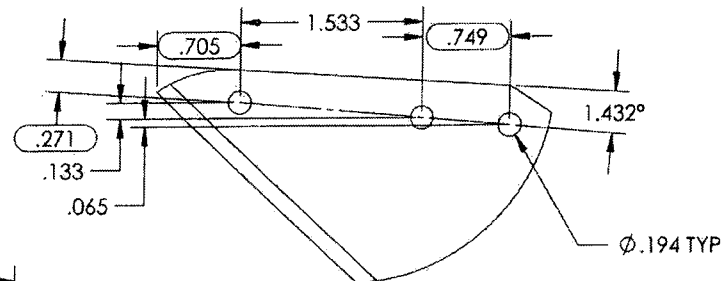


ORIGINAL DATE 10/28/84 BY: JEP		APICAL INDUSTRIES	
DRAWN BY D. SCHUP		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BAUO		DEFLECTORS	
CONTRACT NO.		647.3900	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .003$ ANGLES $\pm .5^\circ$		REV B 07/92	C
SCALE: NONE		SHEET 3 OF 12	

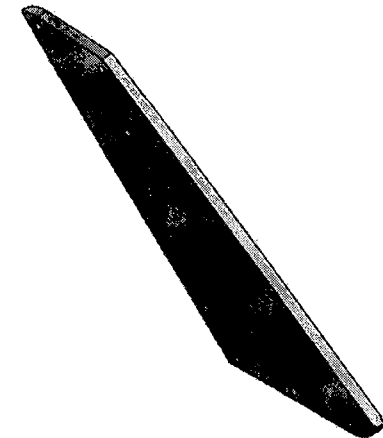
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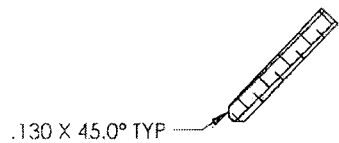
SECTION L-L



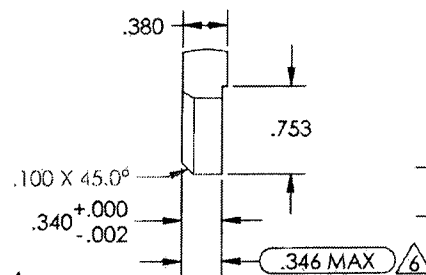
DETAIL H



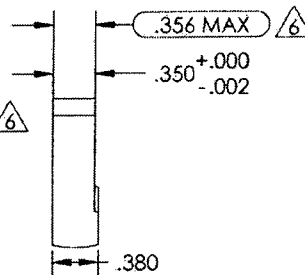
647.3912



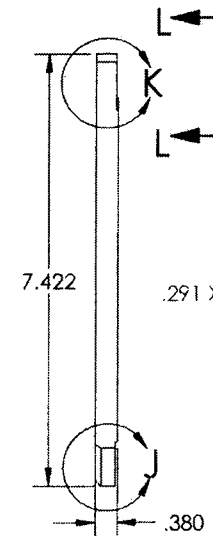
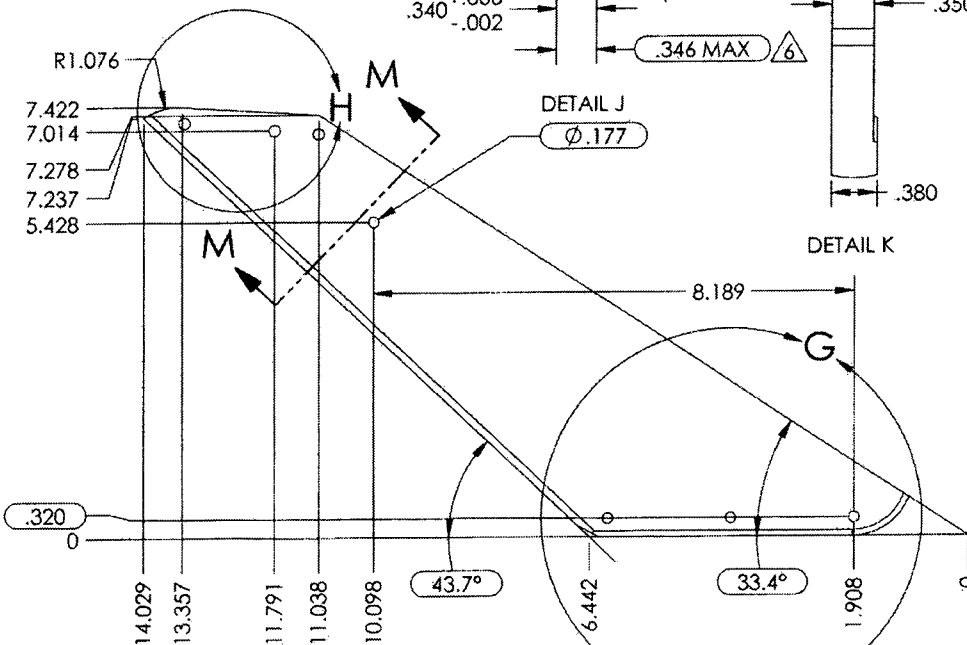
SECTION M-M



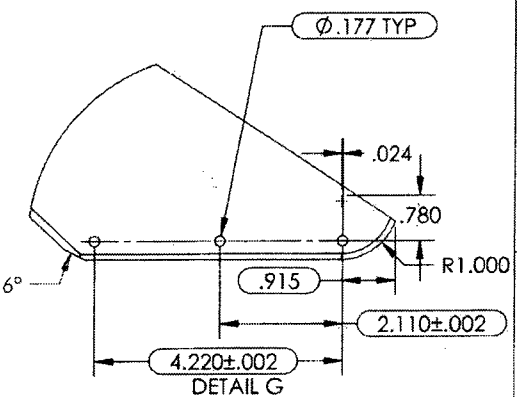
DETAIL J



DETAIL K

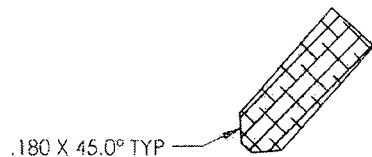


DETAIL G

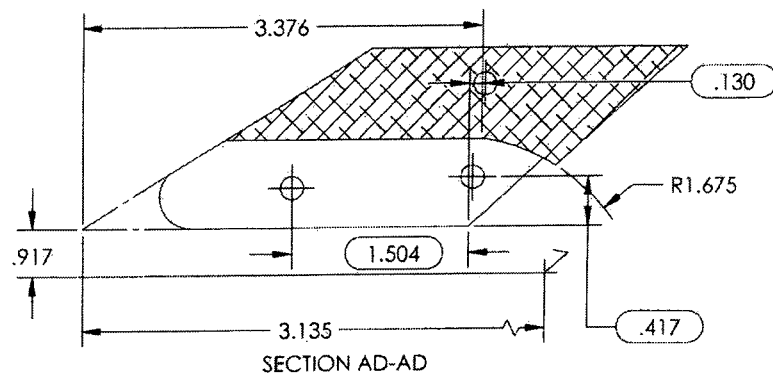


ORIGINAL DATE: 10/24/91 BY: JLB DRAWING BY: J. BARBER CHECKED BY: J. BARBER DRAWING APPROVAL: J. BARBER CONTRACT NO.:		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		PRE: CAGE CODE: B 07M26 SCALE: NONE	REV: C 647.3900 SHEET 4 OF 12

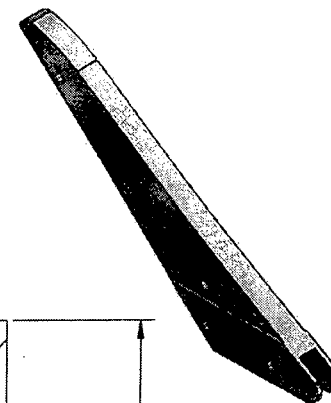
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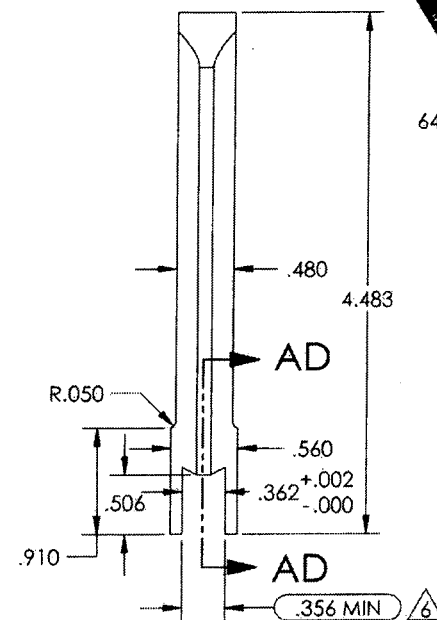
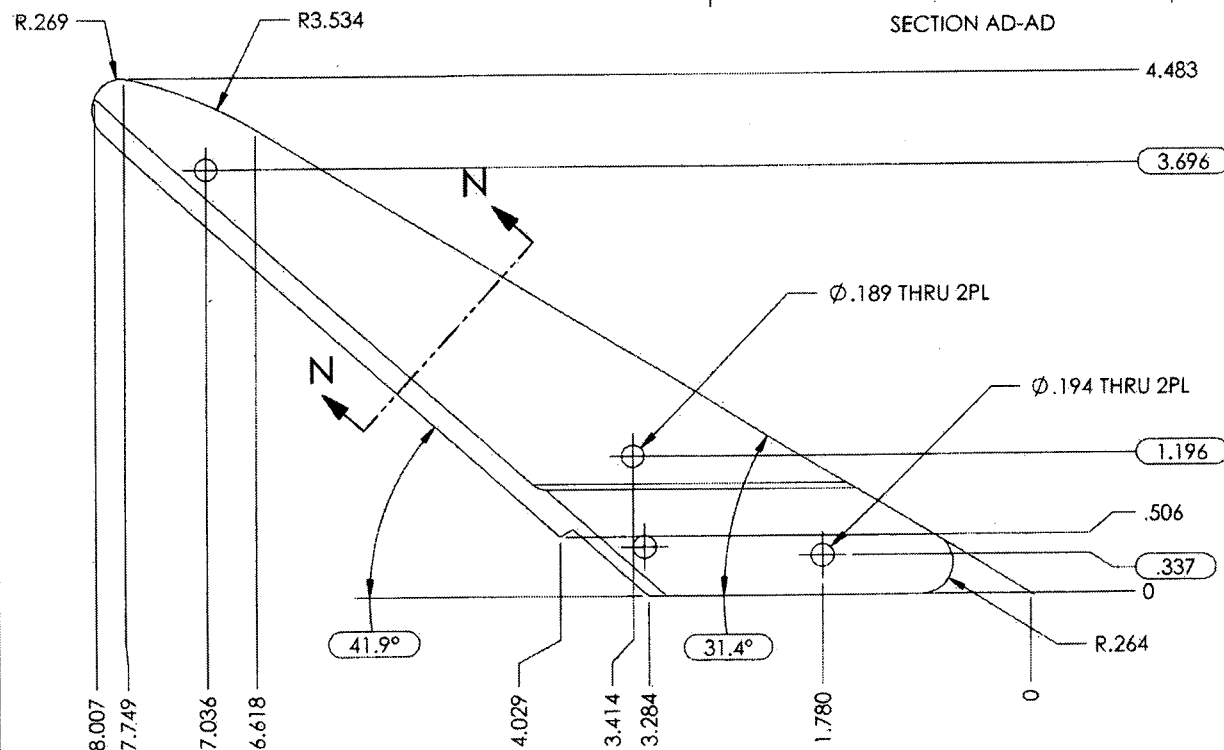
SECTION N-N



SECTION AD-AD

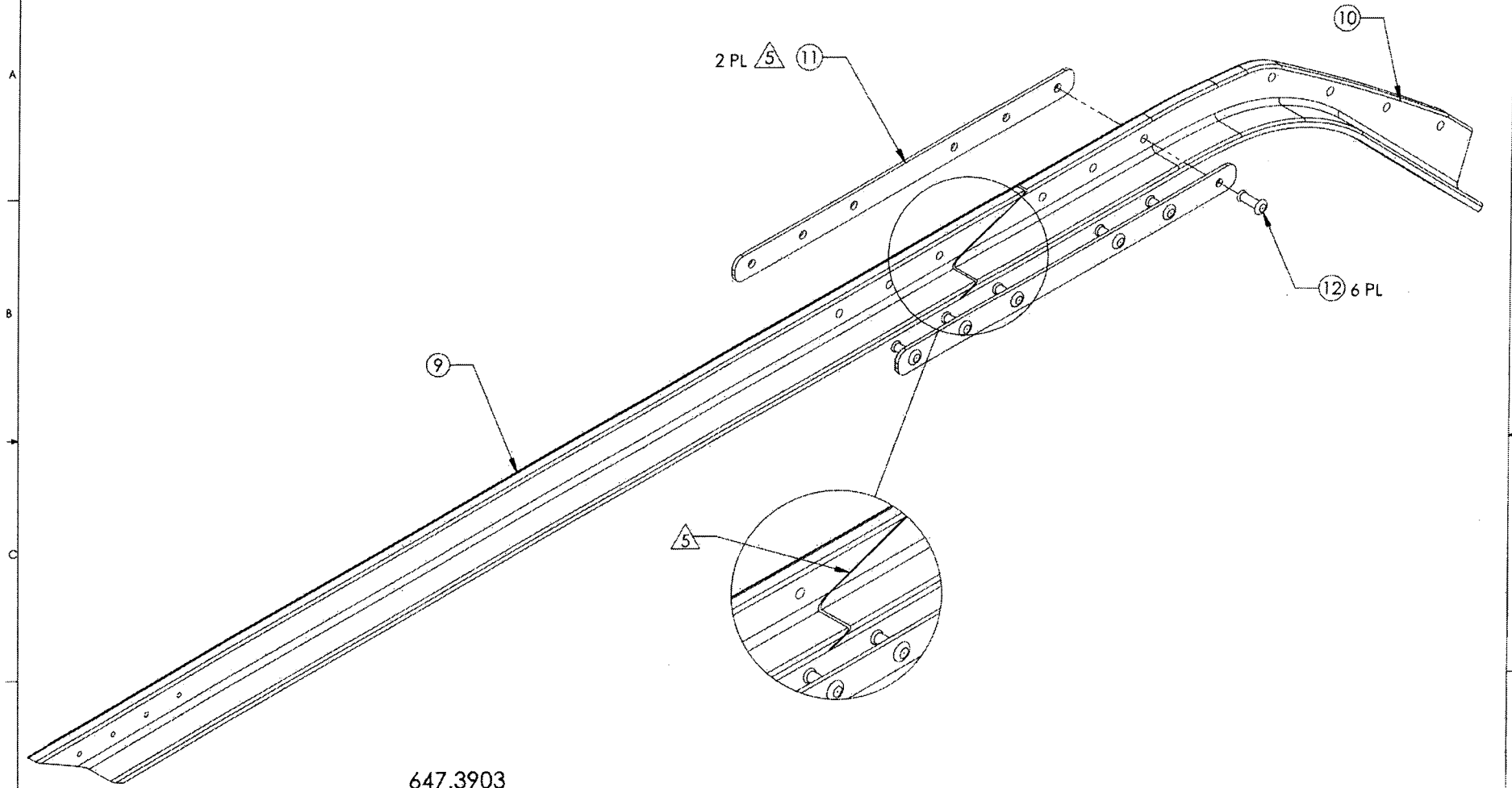


647.3913



ORIGINAL DATE 02-01-1971 09:15:00 DRAWN BY DISCHUR CHECKED BY DISCHUR DRAWING APPROVAL P. BRAY 02-01-1971 CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DIMENSIONS UNLESS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 3 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.2°		SET / CAD CODE B / 07M26	DWG. NO. 647.3900
SCALE NONE		REV. C	SHEET 5 OF 12

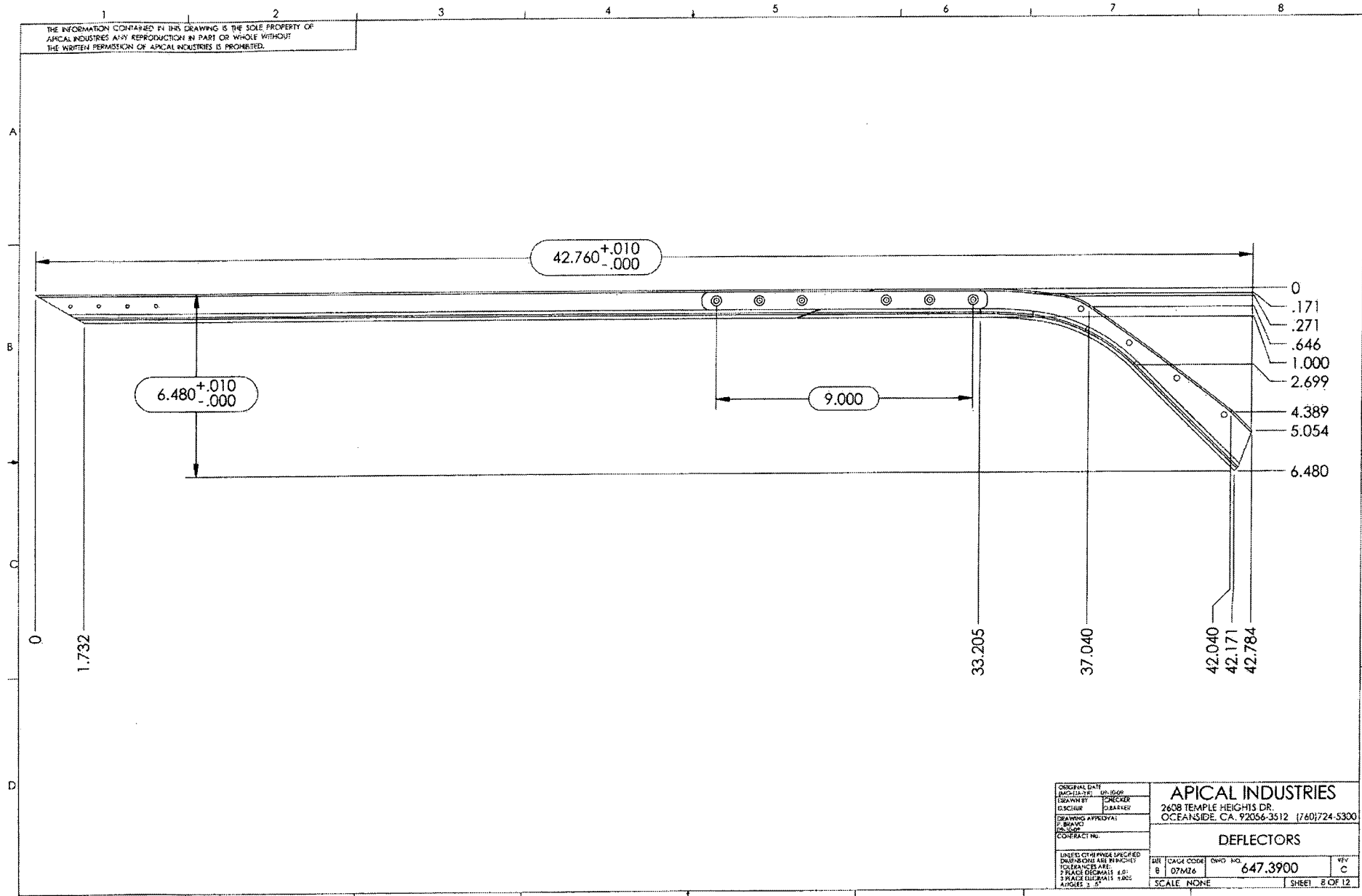
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647.3903

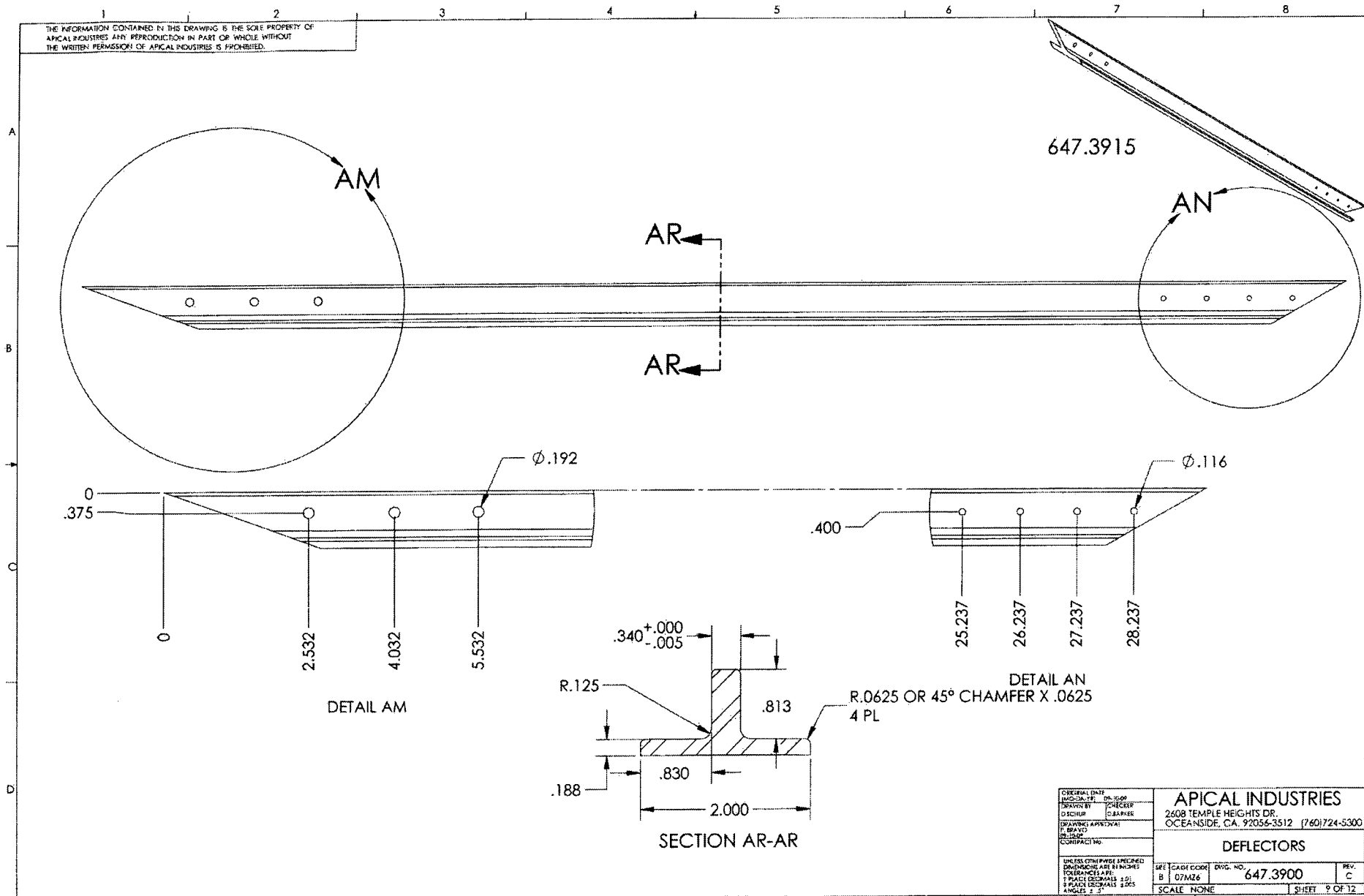
ORIGINAL DATE MODIFIED: 04-10-00 DRAWN BY: J. SCHUR CHECKED BY: J. SCHUR DRAWING APPROVAL: P. BRADY CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.5°		REV. CAGE CODE B 07426	DWG. NO. 647.3900
SCALE NONE		SHEET 7 OF 12	

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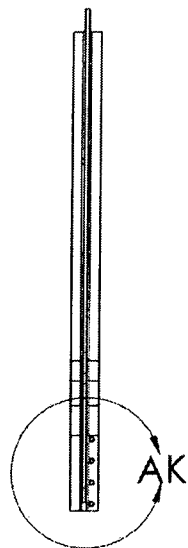


ORIGINAL DATE (DATE)		APICAL INDUSTRIES	
DESIGNED BY (NAME)		2608 TEMPLE HEIGHTS DR.	
CHECKED BY (NAME)		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL (NAME)		DEFLECTORS	
CONTRACT NO.		647.3900	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		SCALE: NONE	SHEET 8 OF 12

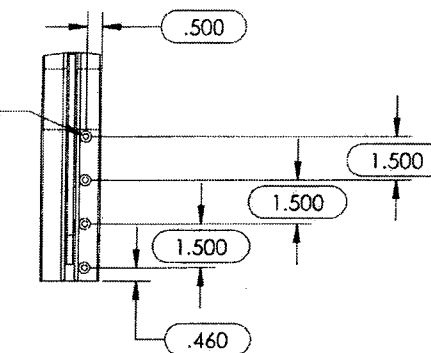
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES AND REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
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4X $\phi .196 \pm .010$ THRU ALL
✓ $\phi .385 \pm .020 \times 100^\circ \pm 1.000^\circ$

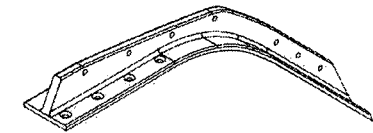


DETAIL AK

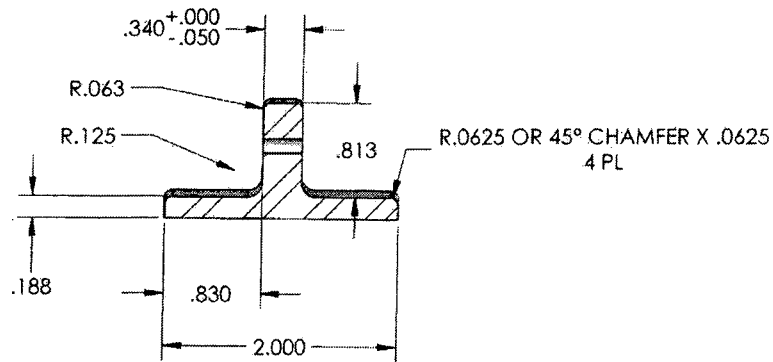
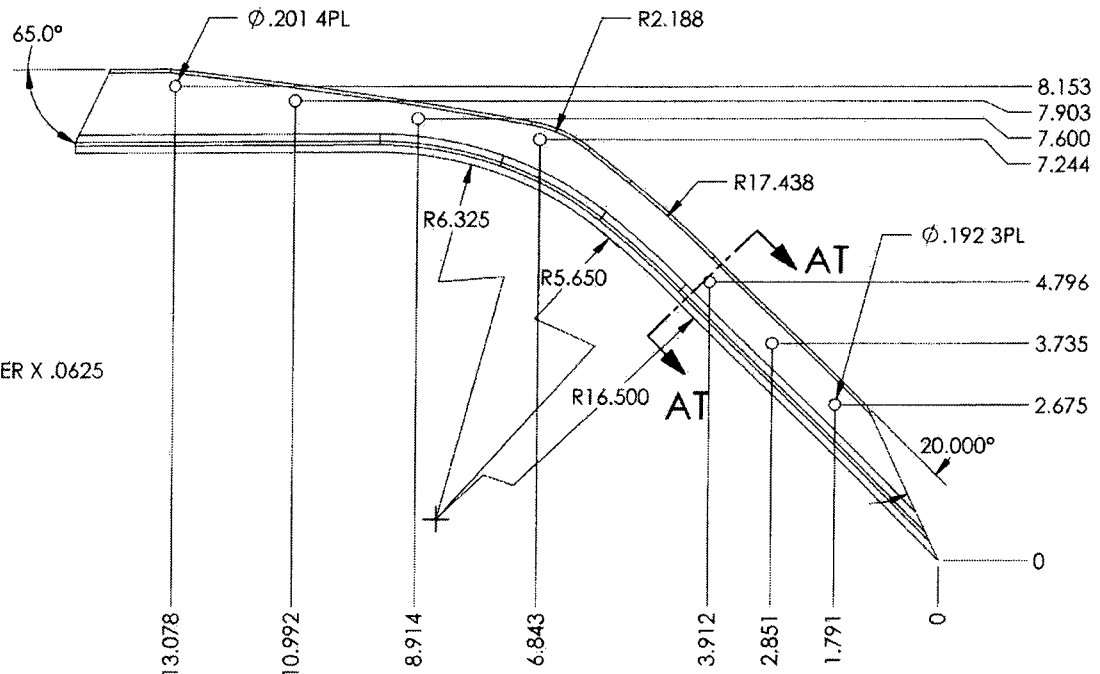
647.3915

ORIGINAL DATE JANUARY 1981 09.10.81		APICAL INDUSTRIES	
DRAWN BY: J. HENRY		2609 TEMPLE HEIGHTS DR.	
CHECKED: J. HENRY		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DESIGNING APPROVAL: P. BRAVO		DEFLECTORS	
CONTRACT NO.		REV. C	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS .01 2 PLACE DECIMALS .005 ANGLES .5°		SHEET B 07M26	647.3900
SCALE: NONE		SHEET 10 OF 12	

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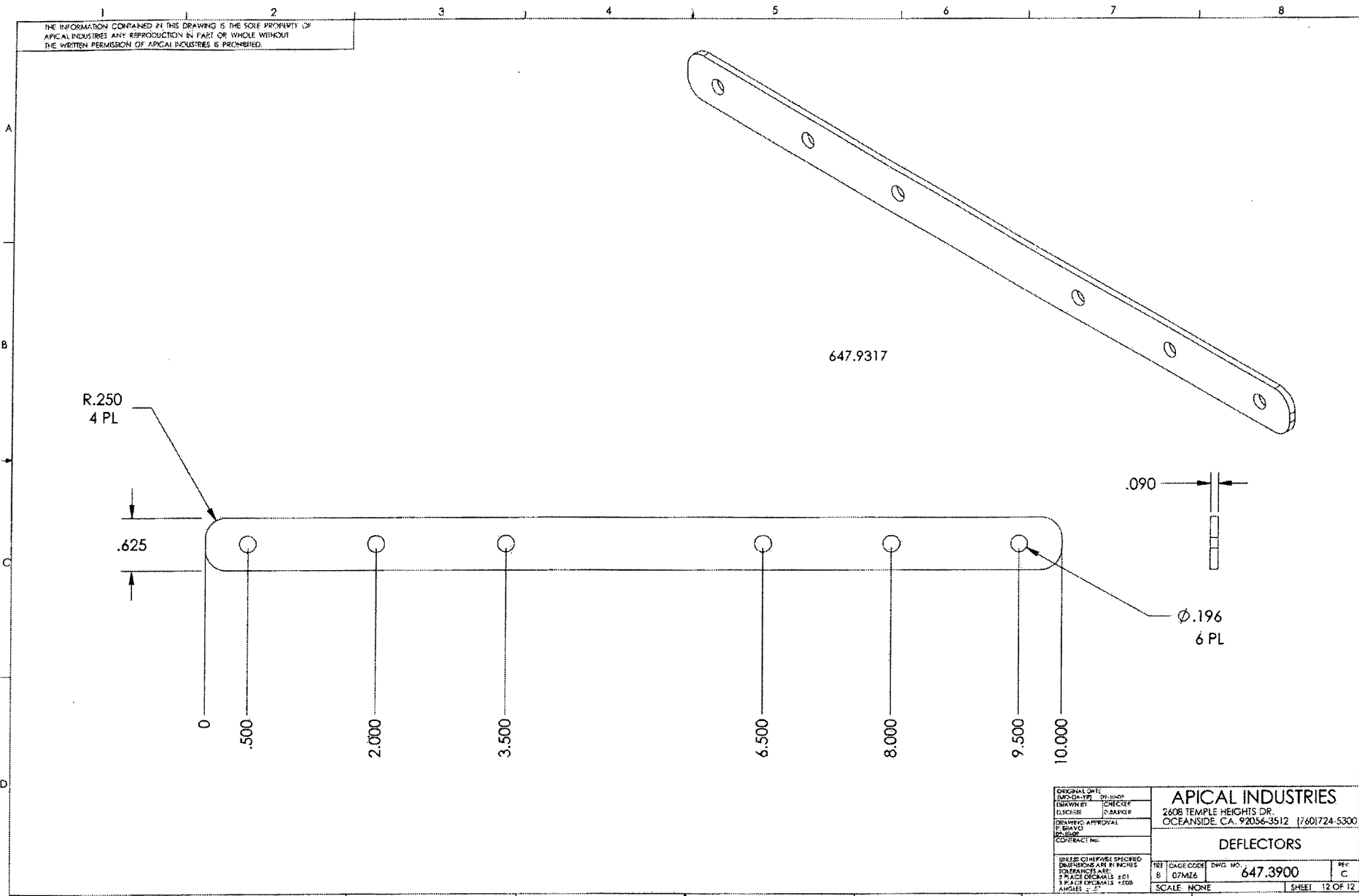
647.3916



SECTION AT-AT

ORIGINAL DATE: 07-10-95 INVOICED BY: 07-10-95 DRAWN BY: 07-10-95 CHECKED: 07-10-95 DESIGNED: 07-10-95 DRAWING APPROVAL: 07-10-95 07-10-95 CONTRACT NO.:		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±.01 ANGLES ±.5°		CAGE CODE: 07M26 DWG. NO.: 647.3900	REV. C.
SCALE: NONE		SHEET 11 OF 12	

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ORIGINAL DATE 10/24/77		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DESIGNED BY J. BARKER	CHECKED BY J. BARKER	DEFLECTORS	
DRAWING APPROVAL P. BRAY	DATE 10/24/77		
CONTRACT NO. 647.3900		SHEET 8	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.01 2 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE	SHEET 12 OF 12



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 63569

Date: 04-Mar-15

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
1 ea	Part: D2224 RAPPEL ANCHOR RED ANODIZE AS PER MIL-A-8625 TY II CL 2 MINMUM RUN Job: 20150185 5 PCS	Rev: PO: PO27605 Line:	
6 ea	Part: D4726-1 HANDLE REV.A HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 Job: 20150186	Rev: PO: PO27605 Line:	
4 ea	Part: 647.3917 DOUBLER HARD ANODIZE MIL-A-8625 TY III CL 2 PRIME MIL-P-23377J TYPE I CLASS N PRIMER SUPPLY CUSTOMER Job: 20150187	Rev: C PO: PO27605 Line:	
16 ea	Part: 647.4111 DOUBLER HARD ANODIZE AS PER MIL-A-8625 TY III, CLASS 2 PRIME AS PER MIL-P-23377J TYPE I CLASS N PRIMER IS SUPPLY BY THE CUSTOMER Job: 20150188	Rev: N/C PO: PO27605 Line:	
6 ea	Part: 649.5310 HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLASS N	Rev: 	



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731, rue Industrielle Rd.
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Rockland, On K4K 1T2
Canada

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Pack List

Number: 63569

Date: 04-Mar-15

To

DART AEROSPACE LTD
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HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity		Description	
		PRIMER IS SUPPLY BY CUSTOMER Job: 20150189 PO: PO27605 Line:	
4 ea	Part: 650.9201 Rev: HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2 PRIME MIL-P-23377J TYPE I CLASS N PRIMER IS SUPPLY BY CUSTOMER Job: 20150190 PO: PO27605 Line:		
Certificate of Conformance A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE : <u>4/3/15</u> CERTIFIED SIGNATURE : <u></u> RECEIVER SIGNATURE : _____			



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27605**

Purchase Order Date 2/27/2015

PO Print Date 3/3/2015

Page Number 1 of 4

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-446-4544

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	126418	D2224 RAPPEL ANCHOR REV. E	3/5/2015 Yes 3/5/2015 FINISH: RED ANODIZE AS PER MIL-A-8625F TYPE I OR IB / IC / II / IIB CLASS 2		5.00	\$25.00	\$125.00
Line Total:							\$125.00
2	128523	D4726-1 HANDLE REV. A	3/5/2015 Yes 3/5/2015 FINISH: BLACK ANODIZE AS PER MIL-8625F TYPE III, CLASS 2		6.00	\$2.70	\$16.20
Line Total:							\$16.20

Note:

3/3/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO27605

Purchase Order Date 2/27/2015

PO Print Date 3/3/2015

Page Number 4 of 4

Order From :

VC-ATG001

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-446-4544

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$26.40

PO Total: \$389.10

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 3/3/2015

Generic Quote Calculator - quoted by:

FIXED	NOTES	VARIABLE	NOTES	QTYS	UNIT COST	TOTAL COST
1	126418/D2224		RED ANODIZE	5	LOT 125.00	
2	128523/D4726-1		HARD ANODIZE BLACK	6	\$2.70	
3	130171/647.3917		HARD ANO BLACK/PRIME	4	\$6.60	
4	120743/647.4111		HARD ANO BLACK/PRIME	16	\$7.90	
5	127876/649.5310		HARD ANO BLACK/PRIME	6	\$11.45	
6	129589/650.9201		HARD ANO BLACK/PRIME	4	\$6.60	
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

COMMENT

PO27605 QUOTE ONLY

ATG IS NOT DOING ANY Pretreatment as per cardinal's 4860-50 AND
PRETREAT PRC-DESOTO PR-148

Repeat order.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27605**

Purchase Order Date 2/27/2015

PO Print Date 3/3/2015

Page Number 2 of 4

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

613-446-4544

Buyer

Chantal Lavoie

Customer PQID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

3	130171	647.3917 DOUBLER REV. C	3/3/2015	4.00	\$6.60	\$26.40
---	--------	----------------------------	----------	------	--------	---------

Yes

3/3/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2

PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

RUSH ORDER NEED BY MARCH 3

Line Total: \$26.40

4	120743	647.4111 REV. N/C	3/5/2015	16.00	\$7.90	\$126.40
---	--------	-------------------	----------	-------	--------	----------

Yes

3/6/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2

PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

Line Total: \$126.40

5	127876	649.5310 LOWER DEFLECTOR REV. C	3/5/2015	6.00	\$11.45	\$68.70
---	--------	------------------------------------	----------	------	---------	---------

Yes

3/5/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2

PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

15/03/15
S4

Note:

3/3/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27605**

Purchase Order Date 2/27/2015

PO Print Date 3/3/2015

Page Number 3 of 4

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-446-4544

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Ship To Contact

Terms

Net 30

Ship To Phone

Currency

CAD

Ship Via:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Ship Acct:

Line Total: \$68.70

6	71401-45	PROCUREMENT QUALITY CLAUSES	3/3/2015	1.00	\$0.00	\$0.00
---	----------	--------------------------------	----------	------	--------	--------

No

Procurement Quality Clauses

3/3/2015

A004 FAA-PMA /TSO

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A024 PROCESS CERTIFICATIONS

A025 CERTIFICATE OF CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

Line Total: \$0.00

7	129589	650.9201 EYELET BRACKET REV.N/C	3/4/2015	4.00	\$6.60	\$26.40
---	--------	------------------------------------	----------	------	--------	---------

Yes

3/4/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2

PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

15/03/04
SP

Note:

3/3/2015